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| Appearnt/Patent Owner: Lucent Technologies Inc. | | |
| Application No./Patent No.: 09/809,499 Filed/Issue Date: March 15, 2001 | | |
| Entitled: METHOD AND APPARATUS FOR AUTOMATICALLY EXTRACTING VERIFICATION MODELS | | |
| Lucent Technologies Inc. , a corporation of the State of Delaware (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) | | |
| states that it is: | | |
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| 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is —————————————————————————————————— | | |
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| The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. | | |
| September 14, 2004 J. Joel Justiss | | |
| Date 972-480-8800 Date Typed or printed name | | |
| Telephone number Signature | | |
| Attorney for Applicant | | |
| Title | | |

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RECORDATION DATE: 06/13/2001

REEL/FRAME: 011894/0385

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HOLZMANN, GERARD J.

DOC DATE: 05/21/2001

ASSIGNEE:

LUCENT TECHNOLOGIES INC. 600 MOUNTAIN AVENUE

MURRAY HILL, NEW JERSEY 07974-0636

SERIAL NUMBER: 09809499

PATENT NUMBER:

FILING DATE: 03/15/2001

ISSUE DATE:

JACQUELINE MOORE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Joenson alla



06-19-2001



6.13.0 To the Honorable Commissioner of Patents and Trademarks: Please record the documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of the conveying party (ies): (1) Gerard J. Holzmann Name: Lucent Technologies Inc. Additional name(s) of conveying parties attached? Internal Address: Yes X No Street Address: 600 Mountain Avenue City: Murray Hill State: NJ Zip: 07974-0636 Nature of Conveyance: X Assignment ___ Merger __ Security Agreement ___ Change of Name Execution Date: (1) 5/21/2001 Additional name(s) attached? _Yes X No ____ 4. Application or Registration Number(s) If this application is being filed with a new application, the execution date of the new application is: A. Patent Application Numbers B. Patent Registration Numbers 09/809,499 Additional Numbers attached? __Yes X No 5. Name and Address of party to whom 6. Total Number of applications and registrations involved: 1 correspondence concerning document should be mailed: 7. Total Fee: Name: Intellectual PropertyDocket Administrator __ Enclosed X Authorized to be charged to Deposit Account Firm: GIBBONS, DEL DEO, DOLAN, **GRIFFINGER & VECCHIONE** Address: One Riverfront Plaza 8. Deposit Account Number: Newark State: N.J. Zip: 07102 12-2325 (attach duplicate copy of this page if paying by deposit account) 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name: Vincent E. McGeary Signature: 11 27 Date: 6-11-21

01 FC:581

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ASSIGNMENT AND AGREEMENT

For value received, I, Gerard J. Holzmann, of the City of Watchung, in the County of Somerset and the State of New Jersey hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR AUTOMATICALLY EXTRACTING VERIFICATION MODELS described in an application Letters Patents of the United States U.S. Serial No. 09/809,499 filed March 15, 2001, executed by me, and all of the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **Lucent Technologies Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and to Lucent Technologies Inc. in all countries foreign to the United States, or to such nominees as they may designate.

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents or other forms of protection.

| | Search). Hoh. |
|---|---------------------------------------|
| | Gerard J. Holzmann |
| Date: 5/21/01 | |
| | |
| United States of America) | |
| State of flw Jersey) ss.: County of Union) | · |
| County of Mun) | |
| On this day of May came Gerard J. Holzmann, to me known to be the | , 20 <u>0/</u> , before me personally |
| foregoing instrument, and acknowledged execution | |
| | |

Notary Public

NOTART FUBLIC OF NEW JERSEY
My Commission Expires July 11, 2001

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Retent and Texton of Office U.S. DEDARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Lucent Technologies Inc. Application No./Patent No.: 09/850,382 Filed/Issue Date: May 7, 2001 Entitled: METHOD AND APPARATUS FOR AUTOMATIC VERIFICATION OF PROPERTIES OF A CONCURRENT SOFTWARE SYSTEM corporation of the State of Delaware Lucent Technologies Inc. (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. It the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: A. [/] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel <u>012046</u>, Frame <u>0330</u>, or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: – To: – The document was recorded in the United States Patent and Trademark Office at ___, or for which a copy thereof is attached. Reel _____, Frame _____ To: The document was recorded in the United States Patent and Trademark Office at _____, Frame _ _, or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at ____, Frame __ _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. September 14, 2004 J. Joel Justiss Date Typed or printed name 972-480-8800 Telephone number Attorney for Applicant Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





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RECORDATION DATE: 08/06/2001

REEL/FRAME: 012046/0330

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HOLZMANN, GERARD J.

DOC DATE: 06/21/2001

ASSIGNEE:

LUCENT TECHNOLOGIES INC. 600 MOUNTAIN AVENUE MURRAY HILL, NEW JERSEY 07974-0636

SERIAL NUMBER: 09850382

PATENT NUMBER:

FILING DATE: 05/07/2001

ISSUE DATE:

PAULA MCCRAY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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| SEP 1 7004 E | 0-2001 HOLZMANN 18 | |
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| 1018 | stached original documents or copy thereof. | |
| 1. Name of the conveying party (ies): | 2. Name and address of receiving party(ies): | |
| Additional name(s) of conveying parties attached? | Name: <u>Lucent Technologies Inc.</u> Internal Address: | |
| Yes X No | Street Address: 600 Mountain Avenue | |
| Nature of Conveyance: | City: Murray Hill State: NJ Zip: 07974-0636 | |
| X Assignments Merger Security Agreement Change of Name Other | 3 - 6 2001 | |
| Execution Date: June 21, 2001 | | |
| 4. Application or Registration Number(s) | Additional name(s) attached?Yes X No | |
| If this application is being filed with a new application, the execution date of the new application is A. Patent Application Numbers B. Patent Registration Numbers 09/850,382 Additional Numbers attached? Yes XNo | | |
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| Name: Intellectual Property | 7. Total Fee: | |
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| Address: One Riverfront Plaza City: Newark State: N.J. Zip: 07102-5497 | 8. Deposit Account Number: 12-2325 | |
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| 9. Statement and Signature: | | |
| | regoing information is true and correct and any attached copy is a | |
| Name: Vincent E. McGeary, Esq. Signature: Reg. No. 42,862 | Date:August 1, 2001 | |
| 1 LMUELLER 00000026 122325 09850382 | | |

ASSIGNMENT AND AGREEMENT

For value received, I, Gerard J. Holzmann, of the City of Watchung, in the County of Somerset and the State of New Jersey hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND APPARATUS FOR AUTOMATIC VERIFICATION OF PROPERTIES OF A CONCURRENT SOFTWARE SYSTEM described in an application Letters Patents of the United States U.S. Serial No. 09/850,382 filed May 7, 2001, executed by me, and all of the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and to Lucent Technologies Inc. in all countries foreign to the United States, or to such nominees as they may designate.

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents or other forms of protection.

| Date: 6/21/01 | Gerard J. Holzmann |
|--|--|
| United States of America) State of Away () County of Mann) On this day of came Gerard J. Holzmann, to me foregoing instrument, and acknowled | known to be the individual described in and who executed the |
| | |

OLANE C. THOMAS NOTARY PUBLIC OF NEW JERSEY My Commission Expires July 11, 2001

Notary Public

| 10 | HOLZMANN 18 | |
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| Additional name(s) of conveying parties attached?Yes X No | Street Address: 600 Mountain Avenue | |
| | | |
| Nature of Conveyance: | City: Murray Hill State: NJ Zip: 07974-0636 | |
| X Assignments Merger Security Agreement Change of Name Other | | |
| Execution Date: June 21, 2001 | Additional name(s) attached? Yes X No | |
| 4. Application or Registration Number(s) | | |
| If this application is being filed with a new application, the execution date of the new application is A. Patent Application Numbers B. Patent Registration Numbers 09/850,382 | | |
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| 5. Name and Address of party to whom correspondence concerning document should be mailed: | 6. Total Number of applications and registrations involved: 1 | |
| Name: Intellectual Property | 7. Total Fee: | |
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| Address: One Riverfront Plaza | 8. Deposit Account Number: | |
| City: Newark State: N.J. Zip: 07102-5497 | <u>12-2325</u> | |
| | (attach duplicate copy of this page if paying by deposit account) | |
| O Statement and Silver | | |
| Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document | | |
| Name: Vincent E. McGeary, Esq. Signature: Date: _August 1, 2001 Reg. No. 42,862 | | |

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